

**AMENDMENTS TO THE SPECIFICATION**

**Please replace the third full paragraph on page 18 with the following:**

a<sup>1</sup> Examples of the aryl groups having 6 to 60 carbon atoms include phenyl group, naphthyl group, anthryl group, pyrenyl group, ~~perirenyl~~ perirenyl group, and the like. Phenyl group and naphthyl group are suitable, and phenyl group is more suitable.

**Please replace the paragraph bridging pages 21 and 22 with the following:**

a<sup>2</sup> Examples of the aryl group having 6-60 carbon atoms include phenyl group, C<sub>1</sub>-C<sub>12</sub> alkoxyphenyl group (C<sub>1</sub>-C<sub>12</sub> represents that the number carbon atoms are 1-12. Hereinafter, referred to as the same.), C<sub>1</sub>-C<sub>12</sub> alkylphenyl group, ~~1-naphtyl~~ 1-naphthyl group, ~~2-naphtyl~~ 2-naphthyl group, and the like. Among them, C<sub>1</sub>-C<sub>12</sub> alkoxyphenyl group, and C<sub>1</sub>-C<sub>12</sub> alkylphenyl group are suitable.

**Please replace the first, second and third full paragraphs on page 22 with the following:**

a<sup>3</sup> Examples of the aryloxy group having 6-60 carbon atoms include phenoxy group, C<sub>1</sub>-C<sub>12</sub> alkoxyphenoxy group, C<sub>1</sub>-C<sub>12</sub> alkylphenoxy group, ~~1-naphtyloxy~~ 1-naphthyloxy group, ~~2-naphtyloxy~~ 2-naphthyloxy group, and the like. Among them, C<sub>1</sub>-C<sub>12</sub> alkoxyphenoxy group, and C<sub>1</sub>-C<sub>12</sub> alkylphenoxy group are suitable.

Examples of the arylalkyl group having 7-60 carbon atoms include phenyl-C<sub>1</sub>-C<sub>12</sub> alkyl group, C<sub>1</sub>-C<sub>12</sub> alkoxyphenyl-C<sub>1</sub>-C<sub>12</sub> alkyl group, C<sub>1</sub>-C<sub>12</sub> alkylphenyl-C<sub>1</sub>-C<sub>12</sub> alkyl group, ~~1-naphtyl-C<sub>1</sub>-C<sub>12</sub>~~ 1-naphthyl-C<sub>1</sub>-C<sub>12</sub> alkyl group, ~~2-naphtyl-C<sub>1</sub>-C<sub>12</sub>~~ 2-naphthyl-C<sub>1</sub>-C<sub>12</sub> alkyl group, and the like. Among them, C<sub>1</sub>-C<sub>12</sub> alkoxyphenyl-C<sub>1</sub>-C<sub>12</sub> alkyl group, and C<sub>1</sub>-C<sub>12</sub> alkylphenyl-C<sub>1</sub>-C<sub>12</sub> alkyl group are suitable.

AB Examples of the arylalkoxy group having 7-60 carbon atoms include phenyl-C<sub>1</sub>-C<sub>12</sub> alkoxy group, C<sub>1</sub>-C<sub>12</sub> alkoxyphenyl-C<sub>1</sub>-C<sub>12</sub> alkoxy group, C<sub>1</sub>-C<sub>12</sub> alkylphenyl-C<sub>1</sub>-C<sub>12</sub> alkoxy group, ~~1-naphthyl-C<sub>1</sub>-C<sub>12</sub>~~, 1-naphthyl-C<sub>1</sub>-C<sub>12</sub> alkoxy group, ~~2-naphthyl-C<sub>1</sub>-C<sub>12</sub>~~, 2-naphthyl-C<sub>1</sub>-C<sub>12</sub> alkoxy group, and the like. Among them, C<sub>1</sub>-C<sub>12</sub> alkoxyphenyl-C<sub>1</sub>-C<sub>12</sub> alkoxy group, and C<sub>1</sub>-C<sub>12</sub> alkylphenyl-C<sub>1</sub>-C<sub>12</sub> alkoxy group are suitable.

**Please replace the paragraph bridging pages 22 and 23 with the following:**

AC As an arylalkenyl group having 8-60 carbon atoms, phenylethenyl group, ~~naphylethenyl~~ naphthylethenyl group, anthrylethenyl group, pyrenylethenyl group, etc. are exemplified. These may have further C<sub>1</sub>-C<sub>12</sub> alkyl group, C<sub>1</sub>-C<sub>12</sub> alkoxy group, and C<sub>6</sub>-C<sub>20</sub> aryl group as a substituent. Among them, phenylethenyl group, phenylethenyl group having C<sub>1</sub>-C<sub>12</sub> alkoxy group, and the phenylethenyl group having C<sub>1</sub>-C<sub>12</sub> alkyl group are suitable.

**Please replace the first full paragraph on page 23 with the following:**

AS As an arylalkynyl group having 8-60 carbon atoms, phenylethynyl group, ~~naphylethynyl~~ naphthylethynyl group, anthrylethynyl group, pyrenylethynyl group, etc. are exemplified. These may have further C<sub>1</sub>-C<sub>12</sub> alkyl group, C<sub>1</sub>-C<sub>12</sub> alkoxy group, and C<sub>6</sub>-C<sub>20</sub> aryl group substituent. Phenyl ethynyl group, phenylethynyl group having C<sub>1</sub>-C<sub>12</sub> alkoxy group, and phenylethynyl group having C<sub>1</sub>-C<sub>12</sub> alkyl group are suitable.

**Please replace the paragraph bridging pages 23 and 24 with the following:**

AB As a heterocyclic compound group having 2-60 carbon atoms, pyrrolyl group, oxazolyl group, isoxazolyl group, thiazolyl group, isothiazolyl group, pyranyl group, pyridyl group, pyridazinyl group, pyrimidyl group, pyrazyl group, quinolyl group, oxazyl group, dioxazyl

ab group, indolyl group, isoindolyl group, indazolyl group, chromenyl group, quinolyl group, isoquinolyl group, cinnolyl group, quinazolyl group, quinoxalyl group, phthalazyl group, purinyl group, pteridyl group, xanthenyl group, carbazolyl group, phenanthridyl group, acridyl group, ~~phnazy~~ phenazinyl group, ~~phenanthrolyl~~ phenanthrolinyl group, ~~thianaphthalenyl~~ thianaphthalenyl group, ~~dithianaphthalenyl~~ dithianaphthalenyl group, furyl group, benzofuryl group, dibenzofuryl group, thienyl group, benzothienyl group, dibenzothienyl group, oxadiazolyl group, oxazolyl group, triazolyl group, thiodiazolyl group, benzoxazolyl group, benzodiazolyl group, silolyl group, benzosilolyl group, etc. are exemplified. These may have further C<sub>1</sub>-C<sub>12</sub> alkyl group, C<sub>1</sub>-C<sub>12</sub> alkoxy group, and C<sub>6</sub>-C<sub>20</sub> aryl group as a substituent. A heterocyclic compound group having 4-60 carbon atoms preferable, and more preferably, a heterocyclic compound group having 4-30 carbon atoms. Thienyl group, thienyl group having C<sub>1</sub>-C<sub>12</sub> alkyl group, pyridyl group, and pyridyl group having C<sub>1</sub>-C<sub>12</sub> alkyl group is suitable.

**Please replace the first full paragraph on page 26 with the following:**

a7 Examples of the aryl group having 6-60 carbon atoms include phenyl group, C<sub>1</sub>-C<sub>12</sub> alkoxyphenyl group, C<sub>1</sub>-C<sub>12</sub> alkylphenyl group, ~~1-naphtyl~~ 1-naphthyl group, ~~2-naphtyl~~ 2-naphthyl group, and the like. Among them, phenyl group, and C<sub>1</sub>-C<sub>12</sub> alkylphenyl group are suitable.

**Please replace the paragraph bridging pages 26 and 27 with the following:**

a8 As a heterocyclic compound group having 2-60 carbon atoms, pyrrolyl group, oxazolyl group, isoxazolyl group, thiazolyl group, isothiazolyl group, pyranyl group, pyridyl group, pyridazinyl group, pyrimidyl group, pyrazyl group, quinolyl group, oxazyl group, dioxazyl

Q8 group, indolyl group, isoindolyl group, indazolyl group, chromenyl group, quinolyl group, isoquinolyl group, cinnolyl group, quinazolyl group, quiozalyl group, phthalazyl group, purinyl group, pteridyl group, xanthenyl group, carbazolyl group, phenanthridyl group, acridyl group, ~~phnazy~~ phenazinyl group, ~~phenanthrolyl~~ phenanthrolinyl group, ~~thianaphthalenyl~~ thianaphthalenyl group, ~~dithianaphthalenyl~~ dithianaphthalenyl group, furyl group, benzofuryl group, dibenzofuryl group, thienyl group, benzothienyl group, dibenzothienyl group, oxadiazolyl group, oxazolyl group, triazolyl group, thiodiazolyl group, benzoxazolyl group, benzodiazolyl group, silolyl group, benzosilolyl group, etc. are exemplified. These may have further C<sub>1</sub>-C<sub>12</sub> alkyl group, C<sub>1</sub>-C<sub>12</sub> alkoxy group, and C<sub>6</sub>-C<sub>20</sub> aryl group as a substituent. A heterocyclic compound group having 4-60 carbon atoms preferable, and more preferably, a heterocyclic compound group having 4-30 carbon atoms. Thienyl group, thienyl group having C<sub>1</sub>-C<sub>12</sub> alkyl group, pyridyl group, and pyridyl group having C<sub>1</sub>-C<sub>12</sub> alkyl group is suitable.

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